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(714) 540-8700
FACSIMILE (714) 540-9823

April 16, 2003

DELIVERED BY HAND

Examiner George C. Neurauter
U.S. Patent and Trademark Office
Art Unit 2158

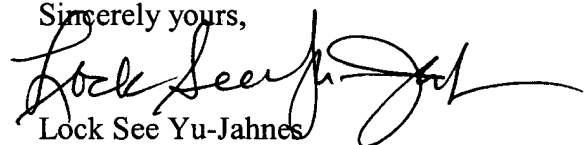
Re: U.S. Application No. 09/903,706

Dear Examiner Neurauter:

As per our telephone call today, attached is a copy of the papers filed in connection with the above-identified application, up to (but not including) the mailing of the Office Action of October 1, 2002. Also included in the copies are papers received from the USPTO for this application.

I hope everything is cleared up now. Please let me know if you need anything else.

Sincerely yours,


Lock See Yu-Jahnes

Page 1 of 2
DEC 06 2001



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/903,706	07/13/2001	2155	1770	35.C12551 DI	31	30	14

05514
FITZPATRICK CELLA HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NY 10112

LSY
Corrected

CONFIRMATION NO. 1058
CORRECTED FILING RECEIPT



OC00000007142178

Date Mailed: 11/30/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

Masamichi Ito, Tokyo, JAPAN;
Koji Takahashi, Chigasaki-shi, JAPAN;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A DIV OF 09/024,187 02/17/1998 PAT 6,298,405

Foreign Applications

JAPAN 9-030543 02/14/1997
JAPAN 9-088430 04/07/1997

If Required, Foreign Filing License Granted 08/15/2001

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

Title

Data communication System, printing system and data communication apparatus

Preliminary Class

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



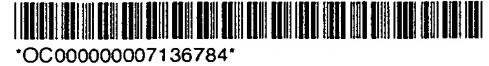
UNITED STATES PATENT AND TRADEMARK OFFICE

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WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/903,706	07/13/2001	Masamichi Ito	35.C12551 DI

CONFIRMATION NO. 1058

05514
FITZPATRICK CELLA HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NY 10112



USP

Title: Data communication apparatus, method and system and programs for data communication process stored in computer readable storage medium

Publication No. US-2001-0047443-A1
Publication Date: 11/29/2001

Date Mailed: 11/29/2001

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently <http://www.uspto.gov/patft/>.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently <http://pair.uspto.gov/>. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at (703) 305-3028.

Customer Service Center
Initial Patent Examination Division (703) 308-1202

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	:	Examiner: Not Yet Assigned
MASAMICHI ITO ET AL.)	
	:	Group Art Unit: 2155
Application No.: 09/903,706)	
	:	
Filed: July 13, 2001)	
	:	
For: DATA COMMUNICATION)	
SYSTEM, PRINTING SYSTEM	:	
AND DATA COMMUNICATION)	
APPARATUS	:	November 27, 2001

Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO RESPONSE TO REQUEST FOR CORRECTED FILING
RECEIPT AND SECOND REQUEST FOR CORRECTED FILING RECEIPT

Sir:

Applicants' attorneys have received a Response To Request For Corrected Filing Receipt dated November 15, 2001 (copy attached), which states that an "amendment or Application Data Sheet" is required to change the title of the invention listed on the official Filing Receipt. Applicants submit, however, that no amendment is necessary, because the change to the title requested in the Request For Corrected Filing Receipt filed on September 28, 2001 is not to amend the original title but is merely to correct the erroneous title listed on the official Filing Receipt mailed on August 15, 2001 to the original title listed on the first page of the specification and on the inventors' Declaration (copies attached).

Accordingly, Applicants respectfully request issuance of a corrected Filing Receipt to correct the title of the invention to read as follows:


-- DATA COMMUNICATION SYSTEM, PRINTING SYSTEM
AND DATA COMMUNICATION APPARATUS -- .

A copy of the Filing Receipt is attached with the proposed changes marked in red.

Also, submitted herewith is an Application Data Sheet for this application.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should be directed to our below listed address.

Respectfully submitted,


Attorney for Applicants
LOCK SEE YU-JAHNES
Registration No. 38,667

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

NY_MAIN 220075 v 1



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
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WASHINGTON, DC 20231
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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/903,706	07/13/01	MASAMICHI ITO ET AL.	35.C12551 DI

FITZPATRICK CELLA HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NY 101121518
3412551 DI

Date Mailed: 11/15/01


RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Publication and General Rules Issues

In response to your request for a corrected Filing Receipt, the Office is unable to comply with the request because:

- ☐ The articles such as "a", "an", and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- ☐ The words "new", "improved", "improvement of", "improvement in", or "improvement relating to" are not included as the first words in the title of an application because a patent application is, by nature, a new idea or improvement. See MPEP 606.
- ☐ The title appears on the filing receipt in sentence case for publication in the Annual Index of Patents.
- ☐ Amendments are not accepted in provisional applications. See 37 CFR 1.53(c).
- ☒ An amendment or Application Data Sheet is needed to make this change.
- ☐ The inventor's residence will only include the city and state for U.S. residences or city and country for residences outside the U.S. See MPEP 605.02.
- ☐ Continuity claimed under 35 USC 120 cannot be added to the Filing Receipt without the applicant supplying the relationship (continuation, divisional, or continuation-in-part) in an amendment or Application Data Sheet.

- ☐ Small entity status was previously claimed in this application. To notify the Office of a loss of entitlement to small entity status, see 37 CFR 1.27(g). To have a good faith error in claiming small entity status excused, see 37 CFR 1.28(c).
- ☐ The request for non-publication was not timely filed. A request for non-publication must be submitted upon filing of an application. The application is scheduled to be published on the date specified on the filing receipt.
- ☐ The request for non-publication has not been recognized because it is not conspicuous as required by 37 CFR 1.213.
- ☐ There was no prior request for non-publication in this application. The request to rescind the non-publication request will not be processed.
- ☐ Your request for non-publication will not be acknowledged because this application is not eligible for publication. Only utility and plant applications filed on or after November 29, 2000 are eligible for publication.
- ☐ The "Non-Publication Request" indicator is correct. If there was a proper request submitted at the time of filing, the notation on the filing receipt will be "Yes". If no such request was made, the notation will be "No".



Customer Service Center
Office of Initial Patent Examination
(703) 308-1202

COPY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled DATA COMMUNICATION SYSTEM, PRINTING SYSTEM AND DATA COMMUNICATION APPARATUS

_____, the specification of which
☐ is attached hereto. ☒ was filed on February 17, 1998 as Application
 No. 09/024,187
 and was amended _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application No.	Filed (Day/Mo./Yr.)	Priority Claimed (Yes/No)
JAPAN	9-030543	14 February 1997	YES
JAPAN	9-088430	7 April 1997	YES

I hereby appoint Joseph M. Fitzpatrick (Registration No. 17,398), Lawrence F. Scinto (Registration No. 18,973), William J. Brunet (Registration No. 20,452), Robert L. Baechtold (Registration No. 20,860), John A. O'Brien (Registration No. 24,367), John A. Krause (Registration No. 24,613), Henry J. Renk (Registration No. 25,499), Peter Saxon (Registration No. 24,947), Anthony M. Zupcic (Registration No. 27,276), Charles P. Baker (Registration No. 26,702), Stevan J. Bosses (Registration No. 22,291), Edward E. Vassallo (Registration No. 29,117), Ronald A. Clayton (Registration No. 26,718), Lawrence A. Stahl (Registration No. 30,110), Laura A. Bauer (Registration No. 29,767), Leonard P. Diana (Registration No. 29,296), David M. Quinlan (Registration No. 26,641), Nicholas N. Kallas (Registration No. 31,530), William M. Wannisky (Registration No. 28,373), Lawrence S. Perry (Registration No. 31,865), Robert H. Fischer (Registration No. 30,051), Christopher Philip Wrist (Registration No. 32,078), Gary M. Jacobs (Registration No. 28,861), Michael K. O'Neill (Registration No. 32,622), Bruce C. Haas (Registration No. 32,734), Scott K. Reed (Registration No. 32,433), Scott D. Malpede (Registration No. 32,533), Fredrick M. Zullo (Registration No. 32,452), Richard P. Bauer (Registration No. 31,588), Warren E. Olsen (Registration No. 27,290), Abigail F. Cousins (Registration No. 29,292), Steven E. Warner (Registration No. 33,326), Thomas J. O'Connell (Registration No. 33,202), Aaron C. Deditch (Registration No. 33,865), Penina Wollman (Registration No. 30,816), David L. Schaeffer (Registration No. 32,716), Jack S. Cubert (Registration No. 24,245), Mark A. Williamson (Registration No. 33,628), John T. Whelan (Registration No. 32,448), Jean K. Dudek (Registration No. 30,938), Raymond R. Mandra (Registration No. 34,382), Dominick A. Conde (Registration No. 33,856), Steven C. Bauman (Registration No. 33,832), Pasquale A. Razzano (Reg. No. 25,512), John W. Behringer (Registration No. 23,086), Robert C. Kline (Registration No. 17,739), Mark J. Itri (Registration No. 36,171), William C. Hwang (Registration No. 36,169), Karin L. Williams (Registration No. 36,721), Michael P. Sandomato (Registration No. 35,345), Jack M. Arnold (Registration No. 25,823), John D. Carlin (Registration No. 37,292), Daniel S. Glueck (Registration No. 37,838), Victor J. Geraci (Registration No. 38,157), Joseph W. Ragusa (Registration No. 38,586), Brian L. Klock (Registration No. 36,570), Anne M. Maher (Registration No. 38,231), William J. Zak, Jr. (Registration No. 38,668), Thomas D. Pease (Registration No. 35,317), Bruce M. Wexler (Registration No. 35,409), and Robert S. Mayer (Registration No. 38,544) my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence to:

FITZPATRICK, CELLA, HARPER & SCINTO
 277 Park Avenue
 New York, N.Y. 10172
 Telephone No. (212) 758-2400

COPY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor MASAMICHI ITO
 Inventor's signature Masamichi Ito
 Date April 16, 1998 Citizen/Subject of JAPAN
 Residence 21-25, Haramachida 2-chome, Machida-shi,
Tokyo, Japan
 Post Office Address c/o Canon Kabushiki Kaisha
30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

Full Name of Second Joint Inventor, if any KOJI TAKAHASHI
 Second Inventor's signature Koji Takahashi
 Date April 16, 1998 Citizen/Subject of JAPAN
 Residence 571-4, Yabata, Chiqasaki-shi, Kanaqawa-ken,
Japan
 Post Office Address c/o Canon Kabushiki Kaisha
30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

Full Name of Third Joint Inventor, if any _____
 Third Inventor's signature _____
 Date _____ Citizen/Subject of _____
 Residence _____

 Post Office Address _____

Full Name of Fourth Joint Inventor, if any _____
 Fourth Inventor's signature _____
 Date _____ Citizen/Subject of _____
 Residence _____

 Post Office Address _____

Full Name of Fifth Joint Inventor, if any _____
 Fifth Inventor's signature _____
 Date _____ Citizen/Subject of _____
 Residence _____

 Post Office Address _____

DATA COMMUNICATION SYSTEM, PRINTING SYSTEM AND
DATA COMMUNICATION APPARATUS

BACKGROUND OF THE INVENTION

5 Field of the Invention

The present invention relates to a data communication system, a printing system and a data communication apparatus, and in particular to a system in which data are exchanged among apparatuses.

10 Related Background Art

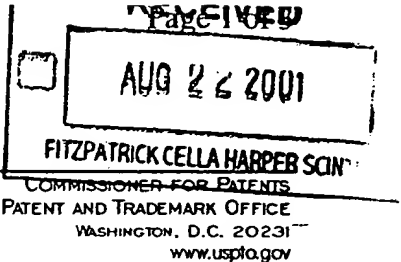
The most frequently employed peripheral devices for personal computers are hard disks and printers. For data communication, these peripheral devices are connected to personal computers by a digital interface (hereinafter referred to as a digital I/F) such as a SCSI IF, which is a typical, general-purpose interface for small computers.

Digital cameras and digital video cameras are also types of peripheral devices used as input means for personal computers (hereinafter referred to as PCs). As the technique has been developed, static pictures and animated pictures acquired by a digital camera or a video camera are fetched to a PC for storage on a hard disk, or are edited by using a PC and are printed on a color printer, and users for the digital cameras are increased.

The image data are transmitted, via the above



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WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/903,706	07/13/2001	2155	1770	35.C12551 DI	31	30	14

LSY

CONFIRMATION NO. 1058

05514
FITZPATRICK CELLA HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NY 10112

FILING RECEIPT



OC00000006430937

Date Mailed: 08/15/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Masamichi Ito, Tokyo, JAPAN;
Koji Takahashi, Chigasaki-shi, JAPAN;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A DIV OF 09/024,187 02/17/1998

Foreign Applications

JAPAN 9-030543 02/14/1997
JAPAN 9-088430 04/07/1997

If Required, Foreign Filing License Granted 08/15/2001

Projected Publication Date: 11/22/2001

Non-Publication Request: No

Early Publication Request: No

Title

~~Data communication apparatus, method and system and programs for data communication~~
~~process stored in computer-readable storage medium~~
system, printing system and data communication apparatus

Preliminary Class

710

Data entry by : BEGUM, SHAMIMA**Team : OIPE****Date: 08/15/2001**A horizontal black bar redacting a line of text.

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

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PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
 Office of Initial Patent Examination
 Customer Service Center
 Washington, DC 20231

INVENTOR INFORMATION

Inventor One Given Name:: MASAMICHI
Family Name:: ITO
Postal Address Line One:: 21-25, Haramachida 2-chome
Postal Address Line Two:: Machida-shi
City:: Tokyo
Country:: Japan
Country of Residence:: Japan
Citizenship Country:: Japan
Inventor Two Given Name:: KOJI
Family Name:: TAKAHASHI
Postal Address Line One:: 571-4, Yabata,
City:: Chigasaki-shi
State or Province:: Kanagawa-ken
Country:: Japan
Country of Residence:: Japan
Citizenship Country:: Japan

CORRESPONDENCE INFORMATION

Correspondence Customer Number:: 05514

APPLICATION INFORMATION

Title Line One:: DATA COMMUNICATION SYSTEM, PRINTING SYST
Title Line Two:: EM AND DATA COMMUNICATION APPARATUS
Total Drawing Sheets:: 28
Formal Drawings?:: Yes
Application Type:: Utility
Docket Number:: 35.C12551D
Secrecy Order in Parent Appl.?:: No

REPRESENTATIVE INFORMATION

Representative Customer Number:: 5514

CONTINUITY INFORMATION

This application is a:: DIVISION OF
> Application One:: 09/024,187
Filing Date:: 02-17-1998

PRIOR FOREIGN APPLICATIONS

Foreign Application One:: 9-030543
Filing Date:: 02-14-1997
Country:: Japan

Priority Claimed:: Yes
Foreign Application Two:: 9-088430
Filing Date:: 04-07-1997
Country:: Japan
Priority Claimed:: Yes

Source:: PrintEFS Version 1.0.1

35.C12551 DI

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	:	Examiner: Not Yet Assigned
MASAMICHI ITO ET AL.)	
	:	Group Art Unit: 2155
Application No.: 09/903,706)	
	:	
Filed: July 13, 2001)	
	:	
For: DATA COMMUNICATION)	
SYSTEM, PRINTING SYSTEM	:	
AND DATA COMMUNICATION)	
APPARATUS	:	September 25, 2001

Commissioner for Patents
Washington, D.C. 20231

REQUEST FOR CORRECTED FILING RECEIPT

Sir:


Applicants' attorneys have received an official Filing Receipt in the above-identified application wherein an error has been noted. The Title of the invention is incorrect and should read as follows:

- - Data communication system, printing system and data communication apparatus - - .

A copy of the Filing Receipt is attached with the proposed change marked in red. Issuance of a Corrected Filing Receipt with the correct data is accordingly respectfully requested.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should be directed to our below listed address.

Respectfully submitted,


Attorney for Applicants

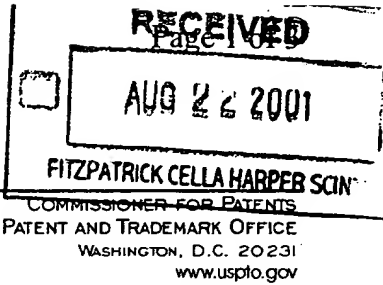
Registration No. 26.718

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

NY_MAIN 201918v1



UNITED STATES PATENT AND TRADEMARK OFFICE



APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/903,706	07/13/2001	2155	1770	35.C12551 DI	31	30	14

05514
FITZPATRICK CELLA HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NY 10112

LSY

CONFIRMATION NO. 1058

FILING RECEIPT



OC000000006430937

Date Mailed: 08/15/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

Masamichi Ito, Tokyo, JAPAN;
Koji Takahashi, Chigasaki-shi, JAPAN;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A DIV OF 09/024,187 02/17/1998

Foreign Applications

JAPAN 9-030543 02/14/1997
JAPAN 9-088430 04/07/1997

If Required, Foreign Filing License Granted 08/15/2001

Projected Publication Date: 11/22/2001

Non-Publication Request: No

Early Publication Request: No

Title

system, printing system and data communication apparatus, method and system and programs for data communication
Data communication apparatus, method and system and programs for data communication
process stored in computer readable storage medium

Preliminary Class

710

Data entry by : BEGUM, SHAMIMA

Team : OIPE

Date: 08/15/2001

[REDACTED]

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, DC 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/903,706	07/13/01	MASAMICHI ITO ET AL.	35.C12551 DI

FITZPATRICK CELLA HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NY 10112

LSH
3512551DI

Date Mailed: 11/15/01

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Publication and General Rules Issues

In response to your request for a corrected Filing Receipt, the Office is unable to comply with the request because:

- ☐ The articles such as "a", "an", and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- ☐ The words "new", "improved", "improvement of", "improvement in", or "improvement relating to" are not included as the first words in the title of an application because a patent application is, by nature, a new idea or improvement. See MPEP 606.
- ☐ The title appears on the filing receipt in sentence case for publication in the Annual Index of Patents.
- ☐ Amendments are not accepted in provisional applications. See 37 CFR 1.53(c).
- ☒ An amendment or Application Data Sheet is needed to make this change.
- ☐ The inventor's residence will only include the city and state for U.S. residences or city and country for residences outside the U.S. See MPEP 605.02.
- ☐ Continuity claimed under 35 USC 120 cannot be added to the Filing Receipt without the applicant supplying the relationship (continuation, divisional, or continuation-in-part) in an amendment or Application Data Sheet.

☐ Small entity status was previously claimed in this application. To notify the Office of a loss of entitlement to small entity status, see 37 CFR 1.27(g). To have a good faith error in claiming small entity status excused, see 37 CFR 1.28(c).


☐ The request for non-publication was not timely filed. A request for non-publication must be submitted upon filing of an application. The application is scheduled to be published on the date specified on the filing receipt.

☐ The request for non-publication has not been recognized because it is not conspicuous as required by 37 CFR 1.213.

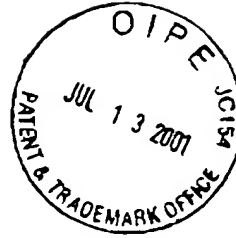
☐ There was no prior request for non-publication in this application. The request to rescind the non-publication request will not be processed.

☐ Your request for non-publication will not be acknowledged because this application is not eligible for publication. Only utility and plant applications filed on or after November 29, 2000 are eligible for publication.

☐ The "Non-Publication Request" indicator is correct. If there was a proper request submitted at the time of filing, the notation on the filing receipt will be "Yes". If no such request was made, the notation will be "No".



Customer Service Center
Office of Initial Patent Examination
(703) 308-1202



BOX PATENT APPLICATION

Director, the Commissioner for Patents
Washington, D.C. 20231

Date 07 / 13 / 01
Mo. Day Yr.

Atty. Docket 25 C/2551 D

DIV of S.N. 09/024,187

Sir:

Kindly acknowledge receipt of the accompanying:

- ☒ Specifications, claims and abstract 91 pages, with Transmittal Form *Copy from Patent*
☒ Oath or Declaration and Power of Attorney ☒ Executed ☐ Not Executed
☒ 28 Sheets of ☒ formal ☐ informal drawings
☒ Check for \$ 950.00 (filing fee)
☐ Small entity declaration
☐ Assignment, PTO-1595 and Check for \$ _____
☐ Transmittal Under 37 CFR 1.53(d) (CPA)
☐ Petition under 37 CFR 1.136 and check for \$ _____
☒ Other (specify) Preliminary Amendment and Information Disclosure Statement, PTO-1449 form, copies of four (4) documents
by placing your receiving date stamp hereon and mailing or returning to deliverer.

This is a ☐ Continuation ☒ Divisional ☐ Continuation-In-Part

Atty. LS/K/O

Due Date N / D / D
Mo. Day Yr.

37 CFR 1.8 ☐
37 CFR 1.10 ☐
By Hand ☒

FCIS-A-155



UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

35.C12551 DI

First Named Inventor or Application Identifier

MASAMICHI ITO

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☐ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification Total Pages 91

4. ☒ Drawing(s) (35 USC 113) Total Sheets 28

5. ☒ Oath or Declaration Total Pages 2

a. ☐ Newly executed (original or copy)

b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)

i. ☐ **DELETION OF INVENTOR(S)**
Signed Statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer
Program (Appendix)

8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or

ii. ☐ paper

c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)

11. ☐ English Translation Document (if applicable)

12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS
Citations

13. ☒ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. ☐ Other: _____

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation

☒ Divisional

☐ Continuation-in-part (CIP) of prior application No. 09/024,187

Prior application information:

Examiner D. Wiley

Group/Art Unit: 2155

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

05514

(Insert Customer No. or Attach bar-code label here)

or ☐ Correspondence address below

NAME

Address

City

State

Zip Code

Country

Telephone

Fax



CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c))	18-20 =	0	X \$ 18.00 =	\$0.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	6-3 =	3	X \$ 80.00 =	\$240.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			\$270.00 =	\$0.00
				BASIC FEE (37 CFR 1.16(a))	\$710.00
	Total of above Calculations =				\$950.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28).				
	TOTAL =				\$950.00

19. Small entity status

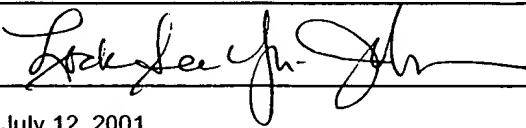
- a. ☐ A small entity statement is enclosed
- b. ☐ A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.
- c. ☐ Is no longer claimed.

20. ☒ A check in the amount of \$ 950.00 to cover the filing fee is enclosed.

21. ☐ A check in the amount of \$ _____ to cover the recordal fee is enclosed.

22. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 06-1205:

- a. ☒ Fees required under 37 CFR 1.16.
- b. ☒ Fees required under 37 CFR 1.17.
- c. ☐ Fees required under 37 CFR 1.18.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED	
NAME	Lock See Yu-Jahnes (Reg. No. 38,667)
SIGNATURE	
DATE	July 12, 2001

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

COPY

FOR VALUE RECEIVED, WE, MASAMICHI ITO and KOJI TAKAHASHI

citizens of JAPAN

residing respectively at

21-25, Haramachida 2-chome, Machida-shi, Tokyo, Japan; and
571-4, Yabata, Chigasaki-shi, Kanagawa-ken, Japan

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA

a corporation of Japan

having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to

DATA COMMUNICATION SYSTEM, PRINTING SYSTEM AND DATA COMMUNICATION APPARATUS

and described in an application for Letters Patent of the United States filed by us on February 17, 1998 and which has been accorded Application No. 09/024,187

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

By: Masamichi Ito
MASAMICHI ITO

Date: April 16, 1998

By: Koji Takahashi
KOJI TAKAHASHI

Date: April 16, 1998

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

COPY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled DATA COMMUNICATION SYSTEM, PRINTING SYSTEM AND DATA COMMUNICATION APPARATUS

_____, the specification of which
☐ is attached hereto. ☒ was filed on February 17, 1998 as Application
 No. 09/024,187
 and was amended _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application No.	Filed (Day/Mo./Yr.)	Priority Claimed (Yes/No)
JAPAN	9-030543	14 February 1997	YES
JAPAN	9-088430	7 April 1997	YES

I hereby appoint Joseph M. Fitzpatrick (Registration No. 17,398), Lawrence F. Scinto (Registration No. 18,973), William J. Brunet (Registration No. 20,452), Robert L. Baechtold (Registration No. 20,860), John A. O'Brien (Registration No. 24,367), John A. Krause (Registration No. 24,613), Henry J. Renk (Registration No. 25,499), Peter Saxon (Registration No. 24,947), Anthony M. Zupcic (Registration No. 27,276), Charles P. Baker (Registration No. 26,702), Stevan J. Bosses (Registration No. 22,291), Edward E. Vassallo (Registration No. 29,117), Ronald A. Clayton (Registration No. 26,718), Lawrence A. Stahl (Registration No. 30,110), Laura A. Bauer (Registration No. 29,767), Leonard P. Diana (Registration No. 29,296), David M. Quinlan (Registration No. 26,641), Nicholas N. Kallas (Registration No. 31,530), William M. Wannisky (Registration No. 28,373), Lawrence S. Perry (Registration No. 31,865), Robert H. Fischer (Registration No. 30,051), Christopher Philip Wrist (Registration No. 32,078), Gary M. Jacobs (Registration No. 28,861), Michael K. O'Neill (Registration No. 32,622), Bruce C. Haas (Registration No. 32,734), Scott K. Reed (Registration No. 32,433), Scott D. Malpede (Registration No. 32,533), Fredrick M. Zullo (Registration No. 32,452), Richard P. Bauer (Registration No. 31,588), Warren E. Olsen (Registration No. 27,290), Abigail F. Cousins (Registration No. 29,292), Steven E. Warner (Registration No. 33,326), Thomas J. O'Connell (Registration No. 33,202), Aaron C. Deditch (Registration No. 33,865), Penina Wollman (Registration No. 30,816), David L. Schaeffer (Registration No. 32,716), Jack S. Cubert (Registration No. 24,245), Mark A. Williamson (Registration No. 33,628), John T. Whelan (Registration No. 32,448), Jean K. Dudek (Registration No. 30,938), Raymond R. Mandra (Registration No. 34,382), Dominick A. Conde (Registration No. 33,856), Steven C. Bauman (Registration No. 33,832), Pasquale A. Razzano (Reg. No. 25,512), John W. Behringer (Registration No. 23,086), Robert C. Kline (Registration No. 17,739), Mark J. Itri (Registration No. 36,171), William C. Hwang (Registration No. 36,169), Karin L. Williams (Registration No. 36,721), Michael P. Sandonato (Registration No. 35,345), Jack M. Arnold (Registration No. 25,823), John D. Carlin (Registration No. 37,292), Daniel S. Glueck (Registration No. 37,838), Victor J. Geraci (Registration No. 38,157), Joseph W. Ragusa (Registration No. 38,586), Brian L. Klock (Registration No. 36,570), Anne M. Maher (Registration No. 38,231), William J. Zak, Jr. (Registration No. 38,668), Thomas D. Pease (Registration No. 35,317), Bruce M. Wexler (Registration No. 35,409), and Robert S. Mayer (Registration No. 38,544) my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence to:

FITZPATRICK, CELLA, HARPER & SCINTO
 277 Park Avenue
 New York, N.Y. 10172
 Telephone No. (212) 758-2400

COPY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor MASAMICHI ITO
Inventor's signature Masamichi Ito
Date April 16, 1998 Citizen/Subject of JAPAN
Residence 21-25, Haramachida 2-chome, Machida-shi,
Tokyo, Japan
Post Office Address c/o Canon Kabushiki Kaisha
30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

Full Name of Second Joint Inventor, if any KOJI TAKAHASHI
Second Inventor's signature Koji Takahashi
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Residence 571-4, Yabata, Chigasaki-shi, Kanagawa-ken,
Japan
Post Office Address c/o Canon Kabushiki Kaisha
30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

Full Name of Third Joint Inventor, if any _____
Third Inventor's signature _____
Date _____ Citizen/Subject of _____
Residence _____
Post Office Address _____

Full Name of Fourth Joint Inventor, if any _____
Fourth Inventor's signature _____
Date _____ Citizen/Subject of _____
Residence _____
Post Office Address _____

Full Name of Fifth Joint Inventor, if any _____
Fifth Inventor's signature _____
Date _____ Citizen/Subject of _____
Residence _____
Post Office Address _____